

Title (en)

Reinforcement of polymer bodies with oriented strips

Title (de)

Verstärkung von polymeren Formkörpern durch orientierte Bandabschnitte

Title (fr)

Renforcement de corps en matériau polymère à l'aide de bandes orientées

Publication

EP 1593480 A1 20051109 (EN)

Application

EP 04101756 A 20040427

Priority

EP 04101756 A 20040427

Abstract (en)

Process for the manufacture of a multi-layered polymer body comprising at least one reinforcing layer composed of an oriented polymer and at least one basic polymer layer directly in contact with at least a part of the reinforcing layer, wherein the polymer of the basic layer is compatible with the oriented polymer of the reinforcing layer, characterized by the steps of (a) applying the basic polymer layer as a stream of molten polymer to at least a part of the surface of the reinforcing layer; and (b) solidifying the molten polymer on the surface of the reinforcing layer by rapid cooling.

IPC 1-7

B29C 67/24

IPC 8 full level

B29C 48/21 (2019.01); **B29C 48/151** (2019.01); **B29C 65/00** (2006.01); **B29C 67/24** (2006.01); **B32B 1/08** (2006.01); **B32B 27/08** (2006.01); **B29C 35/16** (2006.01); **B29C 45/14** (2006.01); **B29C 45/73** (2006.01); **B29C 48/09** (2019.01); **B29C 48/10** (2019.01); **B29C 48/12** (2019.01); **B29C 49/20** (2006.01); **B29C 63/10** (2006.01); **B29C 65/02** (2006.01)

CPC (source: EP KR NO US)

B29C 35/16 (2013.01 - NO); **B29C 45/14** (2013.01 - KR); **B29C 45/14836** (2013.01 - NO); **B29C 45/73** (2013.01 - NO); **B29C 48/151** (2019.02 - EP KR US); **B29C 48/21** (2019.02 - EP US); **B29C 67/24** (2013.01 - KR); **B29C 35/16** (2013.01 - EP US); **B29C 45/14836** (2013.01 - EP US); **B29C 45/73** (2013.01 - EP US); **B29C 48/0018** (2019.02 - EP US); **B29C 48/09** (2019.02 - EP US); **B29C 48/10** (2019.02 - EP US); **B29C 48/12** (2019.02 - EP US); **B29C 49/20** (2013.01 - EP US); **B29C 63/105** (2013.01 - EP US); **B29C 65/028** (2013.01 - EP US); **B29C 66/0342** (2013.01 - EP US); **B29C 66/73115** (2013.01 - EP US); **B29C 66/73711** (2013.01 - EP US); **B29D 23/001** (2013.01 - EP US); **B29D 23/003** (2013.01 - EP US); **B29K 2023/06** (2013.01 - EP US); **B29K 2023/065** (2013.01 - EP US); **B29K 2027/06** (2013.01 - EP US); **B29K 2027/16** (2013.01 - EP US); **B29K 2077/00** (2013.01 - EP US); **B29K 2223/065** (2013.01 - EP US); **B29K 2995/005** (2013.01 - EP US); **B29K 2995/0051** (2013.01 - EP US); **B29L 2009/00** (2013.01 - EP US); **B29L 2023/22** (2013.01 - EP US); **B29L 2031/24** (2013.01 - EP US); **B29L 2031/7156** (2013.01 - EP US); **B29L 2031/7172** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1593480 A1 20051109; EP 1755866 A1 20070228; EP 1755866 B1 20140611; EP 1755866 B8 20150225; JP 2007534525 A 20071129; KR 100861807 B1 20081007; KR 20070034994 A 20070329; NO 20064940 L 20070122; NO 340059 B1 20170306; PL 1755866 T3 20150227; RU 2006141827 A 20080610; RU 2380227 C2 20100127; US 2008023860 A1 20080131; WO 2005102674 A1 20051103

DOCDB simple family (application)

EP 04101756 A 20040427; EP 05738028 A 20050426; EP 2005051867 W 20050426; JP 2007510032 A 20050426; KR 20067023872 A 20050426; NO 20064940 A 20061027; PL 05738028 T 20050426; RU 2006141827 A 20050426; US 62901105 A 20050426